BUILITEMS
Quality & Excellence in Education

10 Years of Commitment, Devotion & Excellence..
Our Vision

To be among the leading universities of the world - accessible to all, imparting quality education and promoting cutting edge research.

Mission Statement

At BUITEMS, we are committed to providing quality education with focus on research and to equip students with the art of living as productive members of society, contributing to the socio-economic uplift of Pakistan in general, and Balochistan in particular.

Our Goals

* To provide outstanding academic programs that further strengthen our performance, pre-eminence and efficiency.
* To provide an excellent teaching and learning environment to students to reach a level that matches the atmosphere prevailing at best universities in the world.
* To raise revenues from partnerships, research grants and technology transfer while strengthening our ability to more effectively invest and allocate resources for education.

Our Core Values

**Accountability:** We are committed stewards of the human, fiscal and physical resources entrusted to us.

**Diversity:** We recognize that diversity leads to excellence, enhancing our teaching, scholarship and service as well as our ability to respect and interact with people.

**Integrity:** We practice honesty, truth and integrity in all that we do.

**Respect:** We treat each other with civility, dignity and respect.

**Social responsibility:** We contribute to intellectual, cultural, spiritual and economic well-being of the society.
Quality Policy Statement

**BUITEMS** contributes in defining standards and systems for the up-lift of socio-economic order through quality education and services by:

- Providing an environment conducive to learning, teaching, academic inquiry and innovation
- Maintaining academic excellence and professionalism
- Adhering to established systems for ensuring good governance for management and transfer of knowledge
- Benchmarking with other leading institutions of higher education for improvement
- Enhancing efficient and effective operations by encouraging participation of stakeholders
- Pursuing continuous improvement through creativity, team work and adaptation to change

for

Playing a catalytic role to achieve the national, regional and global harmony.
FOREWORD

Universities gain strength by the continuous hard work and dedication of its committed teachers, students and policy makers. BUITEMS has acquired considerable academic strength and recognition by the sincere efforts of all those who took responsibilities as BUITEMS family and team to restructure the overall academic system.

The year 2012 marked the completion of ten years of commitment and dedication, and brought a cascade of national and international recognition for the University with the vision of its leaders. The hard work and dedication of BUITEMS family brought laurels, generally achievable in several decades. The decade marked the completion of an epoch of progressive and rewarding endeavors of academic excellence and quality education. Collective reflection of our performance and academic practices enabled us to open new avenues in the sublime edification of our system while restoring hope in the society.

BUITEMS aims at providing world-class quality education by keeping the faculty and students abreast with advances in research and creation of new knowledge to meet the academic challenges of the contemporary world. Throughout these years, the missionary goal of the University has been supported by the friends of BUITEMS. They stood by us in upbringging the youth with the objectives for playing their due role consistent with our goals as a university.

The universities have to identify their new strategic role in providing solutions to all problems faced by the nation. The stereotype education and related academic philosophies could not fulfill the requirement to address the socio-political, cultural and economic issues due mainly to the reasons like isolation of institutions, lack of adopting modern technologies of communication, intellectual
activity, rationale and objectivity. Public and private sector institutions need leaders, creators of new knowledge and original ideas for their development.

Universities therefore have to play a significant role towards these ends. We have introduced a trend of original thinking, adopting innovative approaches mandatory for the advancement of knowledge, and national and international progress. We shall keep on playing a catalytic role as a university to achieve the national, regional and global harmony.
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Ten Years of Commitment, Devotion & Excellence

Success as a concept in today's changing world is highly compatible phenomenon which requires equally compatible, well thought coordinated approaches at times requiring flexibility and acceptance for diversified world order, and also preserving valuable indigenous tradition without compromising on fundamental and universal goals of education.

The institutions move forward under the leadership of clear-sighted visionary leaders who understand the value of team work and empathy where impersonal assessment of situations is adopted. The shift from conflict to the resolution of conflict, authority for the acceptance of excellence and merit, wherever it may be and providing equal opportunities to all, both in education and employment, is the key for the nation to get out of the vicious clutches of dependence and deprivation. The country has gems of talent scattered around beyond the borders of our own parochial affiliations of creed, clan and caste. BUITEMS has always been a torch bearer for the search of talent in addition to promoting altruistic humanitarian values and restoring hope in the society.

The geo-political location of BUITEMS and the milieu in which BUITEMS is gaining strength as an academic institution has always been acknowledged. We are not just the survivors; we are emerging as a premier seat of learning as a university. The secret of our success is that we take challenges as opportunities, emerging even stronger consequently.

While recapitulating the memoirs from our short history, we came across some contenting accounts and also a few tragedies which provided us with the opportunity to emerge as an inspirational success story which is also acknowledged through the international recognition which came along more prominently at the time of decade celebrations.

Our alumni, the Markhors, are proving their mettle in every walk of life around the globe.
We take every measure in providing an environment conducive to learning and personal grooming, while ensing sense of social responsibility in our students.

Our faculty members are also provided with opportunities to enhance their skills through faculty development programs and trainings in research and teaching methodologies.

The University encourages participation of its faculty members in its management and governance. Senior professors and educationists are also part of our team who are significantly contributing in counseling and mentoring the young faculty.

It is worth mentioning here that BUITEMS is now emerging as a patron of entrepreneurship, leadership and productivity for the overall advancement of the country as a prosperous nation. We believe that our strategy of competing and progressing in the ever changing age of globalization and technological advancement will ensure Pakistan; its due place in the comity of nations.
BUITEMS SYNDICATE

BUITEMS Syndicate is the apex executive body of the University, assigned to take effective measures to raise the standard of teaching, research and publications and other academic pursuits and exercises general supervision over the affairs and the property of the University.

Chairman
Engr. Ahmed Farooq Bazzi
Vice Chancellor
BUITEMS

Member
Ms. Suhana Baloch
Vice Chancellor, Sindh Bahadur Khan Women University.

Member
Dr. Javed R. Lughari
Chairman, Higher Education Commission Islamabad.

Member
Justice Jamal Khan Mandiri
Judge Balochistan High Court

Member
Ms. Shama Parveen Magali
Minister Govt. of Balochistan.

Member
Shahid Jaffar Khan Monenchal
Member Provincial Assembly, Balochistan.

Member
Mr. Faisal Jilani
Ex-Senator and Editor Daily Balochistan Times

Member
Aasam Shahid Baloch
Additional Chief Secretary (Dev.), Govt. of Balochistan.

Member
Mr. Dostain Jamali
Secretary to Government of Balochistan Finance Department

Member
Mr. Bilal Jamali
Secretary to Government of Balochistan IT Department

Member
Dr. Muhammad Nawaz
Dean Faculty of Arts and Basic Sciences, BUITEMS

Member
Prof. Dr. Coit Muhammad Baloch
Dean Faculty of Life Sciences and Informatics, BUITEMS

Member
Prof. Dr. Ejaz Ahmed
Chairman, Department of Civil Engineering, BUITEMS

Member
Dr. Javed Ahmed
Associate Professor, Bio-technology and Informatics, BUITEMS

Member
Ms. Enam Shafi
Assistant Professor, Department of Economics, BUITEMS

Member
Ms. Shahnaz Aziz
Lecturer Department of Computer Engineering, BUITEMS
ORGANOGRAM OF THE UNIVERSITY

Vice Chancellor

Dean Faculty of Management Sciences
  - Department of Management Sciences
  - Department of Economics

Dean Faculty of Information and Communication Technology
  - Department of Computer Sciences
  - Department of Computer Engineering
  - Department of Languages
  - Department of Physics
  - Department of Social Sciences
  - Department of Chemistry

Dean Faculty of Arts and Basic Sciences
  - Department of Mathematics
  - Department of Textile Engineering
  - Department of Chemical Engineering

Dean Faculty of Engineering
  - Department of Petroleum and Gas Engineering
  - Department of Geology Engineering
  - Department of Mining Engineering
  - Department of Civil Engineering
  - Department of Architecture
  - Department of Environment Mgt. & Policy

Dean Faculty of Life Sciences and Informatics
  - Department of Microbiology and Pathology
  - Department of Biotechnology and Informatics

Registrar
  - Additional Registrar (Academics & HR)
  - Human Resource Management
  - Academics
  - Additional Registrar (Admin & Coord)

Treasurer
  - Finance Section, led by Accounts Officers
  - Deputy Treasurer
  - Legit Controller of Exams

Controller of Exams
  - Controller of Exams Office, led by Assistant Controller of Exams

Directorate of Quality Enhancement & Accreditation
  - Directorate of Human Resource Development
    - Directorate of Procurements
      - Stores & Inventory
      - Purchases
    - Directorate of University Advancement & Financial Assistance
      - University Advancement
      - Financial Assistance
    - Directorate of Planning and Projects
      - Planning & Projects Wing
      - Maintenance Wing
    - Directorate of Information Technology
      - Hardware & Trouble Shooting Team
      - Networking Team
      - Website Admin. Team
      - Campus Management Solutions Team
      - Email Admin. Team

Vice Chancellor Secretariat
  - Public Relations Office
  - Student Affairs Coordinator
  - Student Societies

Administration
  - Coordination
  - Health, Medical & Safety Section
  - Libraries
  - Sports Section

Internal Audit Section
  - Security Section
BUITEMS RANKED 4th BEST IN THE COUNTRY

BUITEMS has been ranked 4th among the top universities of Pakistan in the category of Computer Science and Information Technology by Higher Education Commission. Being among top 5 Universities of Pakistan proves the authenticity of BUITEMS’s efforts as a set of combined endeavors that encompass various aspects of world-class educational excellence, including leadership, strategic planning, operational and administrative efficiency, staff and student welfare and development, and key results in the cognitive, social, moral, aesthetic and leadership domains, all of which are accorded weight in the HEC’s ranking system.

HIGHER EDUCATION COMMISSION

Dr. Javed R. Laghari, M.
Chairperson

Engr. Ahmed Farooq Bazai
Vice-Chancellor
Balochistan University of IT & Management Sciences
Airport Road
Quetta

Dear Engr. Ahmed Farooq Bazai:

Please accept my heartiest congratulations for being ranked as the fourth best University in the Computer Sciences & IT category. This is first time ever that HEC has ranked Pakistani higher education institutions based on quality, teaching, and research.

Since the ranking was based on the QS World Universities Ranking model, we see a strong possibility that your University may also qualify amongst the world’s leading universities in the QS ranking. I would therefore strongly urge you to participate in these rankings so that more Pakistani Universities, including yours, are listed amongst the best universities in the world.

The Quality Assurance Division of the HEC, under the Director General (Ms. Zia Batool), may be able to guide you through the process.

With best regards,

Sincerely yours,

Dr. Javed R. Laghari

E-mail: chairman@hec.gov.pk Ph: +92 51 90400100, Fax: 90400104
Faculty Strength/Students on Roll
# Detail of Teaching Positions

## Faculty of Engineering

<table>
<thead>
<tr>
<th>Name of Department</th>
<th>No of Faculty Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Engineering</td>
<td>13</td>
</tr>
<tr>
<td>Textile Engineering</td>
<td>18</td>
</tr>
<tr>
<td>Mining Engineering</td>
<td>7</td>
</tr>
<tr>
<td>Geological Engineering</td>
<td>5</td>
</tr>
<tr>
<td>Petroleum &amp; Gas Engineering</td>
<td>15</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>19</td>
</tr>
<tr>
<td>Architecture</td>
<td>11</td>
</tr>
<tr>
<td>Environmental Sciences</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>93</strong></td>
</tr>
</tbody>
</table>

## Faculty of Information & Communication Technology

<table>
<thead>
<tr>
<th>Name of Department</th>
<th>No of Faculty Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic Engineering</td>
<td>17</td>
</tr>
<tr>
<td>Computer Science</td>
<td>29</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>17</td>
</tr>
<tr>
<td>Information Technology</td>
<td>11</td>
</tr>
<tr>
<td>Telecom Engineering</td>
<td>17</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>5</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>102</strong></td>
</tr>
</tbody>
</table>

## Faculty of Management Sciences

<table>
<thead>
<tr>
<th>Name of Department</th>
<th>No of Faculty Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Science</td>
<td>52</td>
</tr>
<tr>
<td>Economics</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>72</strong></td>
</tr>
</tbody>
</table>

## Faculty of Life Sciences & Informatics

<table>
<thead>
<tr>
<th>Name of Department</th>
<th>No of Faculty Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biotechnology &amp; Informatics</td>
<td>22</td>
</tr>
<tr>
<td>Microbiology</td>
<td>9</td>
</tr>
<tr>
<td>Plant Sciences &amp; Informatics</td>
<td>7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>38</strong></td>
</tr>
</tbody>
</table>

## Faculty of Arts & Basic Sciences

<table>
<thead>
<tr>
<th>Name of Department</th>
<th>No of Faculty Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>13</td>
</tr>
<tr>
<td>Physics</td>
<td>7</td>
</tr>
<tr>
<td>English</td>
<td>16</td>
</tr>
<tr>
<td>Psychology</td>
<td>4</td>
</tr>
<tr>
<td>Islamic Studies</td>
<td>6</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>International Relations</td>
<td>9</td>
</tr>
<tr>
<td>Statistics</td>
<td>3</td>
</tr>
<tr>
<td>Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>8</td>
</tr>
<tr>
<td>Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>76</strong></td>
</tr>
</tbody>
</table>

**GRAND TOTAL (FACULTY)**  **381**
### Student Strength 2012-13

<table>
<thead>
<tr>
<th>Program / Categories</th>
<th>Total till Fall-2012</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
</tr>
<tr>
<td>Arts / Humanities</td>
<td>9</td>
</tr>
<tr>
<td>Social Sciences (Bachelor)</td>
<td>244</td>
</tr>
<tr>
<td>Business / Management Sciences (Bachelor)</td>
<td>522</td>
</tr>
<tr>
<td>Business / Management Sciences (Masters)</td>
<td>481</td>
</tr>
<tr>
<td>Business / Management Sciences (PhD)</td>
<td>1</td>
</tr>
<tr>
<td>Computer / IT</td>
<td>400</td>
</tr>
<tr>
<td>Computer / IT (M Phil / MS)</td>
<td>51</td>
</tr>
<tr>
<td>Basic and Natural Sciences etc</td>
<td>375</td>
</tr>
<tr>
<td>Basic and Natural Sciences etc (M Phil / MS)</td>
<td>120</td>
</tr>
<tr>
<td>Basic and Natural Sciences etc (M Phil / MS)</td>
<td>33</td>
</tr>
</tbody>
</table>

**Engineering**

- Civil Engineering
- Petroleum & Gas Engineering
- Chemical Engineering
- Textile Engineering
- Software Engineering
- Electrical Engineering
- Geological Engineering
- Mining Engineering
- Electronic Engineering
- Computer Engineering
- Telecom Engineering

<table>
<thead>
<tr>
<th>Engineering</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3090</td>
<td>104</td>
<td>3194</td>
</tr>
</tbody>
</table>

| Total                                               | 5326  | 712    | 6038   |
Meetings
Faculty Development Review Committee Meeting
The 22nd and 23rd meetings of Faculty Development Review Committee were held on January 05, and February 7, 2012 respectively to review the progress of HEC funded Faculty Development Program. The Vice Chancellor chaired the meeting.

BUITEMS Development Projects Review
A meeting regarding BUITEMS Development Projects was held at BUITEMS Takatu Campus on February 8, 2012 under the chairmanship of Ahmed Farooq Bazai, Vice Chancellor.
Mr. Jalil Ahmed Advisor HEC, Mr. Naveed Shah Senior Program Manager HEC and Mr. Habibullah Deputy Director HEC Regional Office Quetta attended the meeting.

Meeting of Advanced Studies & Research Board, BUITEMS
The meeting of the Advanced Studies & Research Board of BUITEMS was held on April 27, 2012 under the chairmanship of the Vice Chancellor. Agenda items regarding graduate programs of studies, research proposals, research supervisors, external examiners and related matters were deliberated upon in detail and recommendations were made.
Meeting of BUITEMS Academic Council

A meeting of the Academic Council of the BUITEMS was held on 6th June, 2012 under the chairmanship of the Vice Chancellor. The Council considered academic matters including recommendations of BUITEMS Advanced Studies and Research Board, HEC’s proposal for Dual Degree Programme, Nomination of teachers on Board of Faculties, and recommendations of Board of Studies of different teaching departments of the University.

Meetings of BUITEMS Syndicate

Meetings of the Syndicate of BUITEMS were held on 14th June and 15th August, 2012 respectively under the chairmanship of the Vice Chancellor BUITEMS. Different academic and administrative matters of the University were taken up for discussion and decisions were made accordingly.
Institutional Scholarship Awards Committee (ISAC)

Meetings of the ISAC for HEC-Japanese Merit and Need Based Scholarship and HEC-USAID Scholarship were held under the chairmanship of the Vice Chancellor BUITEMS.

Board of Studies Department of Management Sciences

The Department of Management Sciences conducted its Board of Studies on November 26, 2012 at Committee Room, City Campus. The Board discussed several academic issues regarding the Department and made recommendations accordingly.
D.G. NADRA Visits BUITEMS

Director General, National Database and Registration Authority, Balochistan, Col. (R) Anis Khan called on the Vice Chancellor, BUITEMS on February 27, 2012.

He appreciated the high standards of educational facilities provided to the students at BUITEMS. He termed BUITEMS as the torch-bearer of quality education.

PPL Delegation Visits BUITEMS

Mr. Asim Murtaza Khan, Managing Director, Mr. Sultan Maqsood, General Manager, and Mr. Kamal Khan Jadoon, Community Manager PPL called on Vice Chancellor, BUITEMS on March 26, 2012. During a briefing, on the occasion, the Vice Chancellor highlighted the role of BUITEMS in nation building and socio-economic growth of the country. Mr. Asim Murtuza Khan assured the Vice Chancellor of his full cooperation in research and development projects of the University and particularly those related to the domain of Petroleum and Gas Engineering.

Visits of Senior Management Course (SMC) Delegation

Senior Management Course participants visited BUITEMS on May 09 and November 20, 2012. Vice Chancellor emphasized the role of BUITEMS in preparing an educated youth force well-equipped with the knowledge needed for meeting the demands and challenges of the 21st century.
Secretary Higher Education Balochistan calls on VC

Mr. Sher Khan Bazai, Secretary to the Government of Balochistan, Higher Education called on the Vice Chancellor BUIEMS on May 16, 2012. Mr. Sher Khan Bazai acknowledged the rapid growth of BUIEMS as inspiring and exemplary.

TCF School Students Visits BUIEMS

A group of 30 Students from The Citizen’s Foundation School visited BUIEMS on May 28, 2012. The visiting students were taken on a round to different laboratories and departments of the University followed by presentations on Career Development and the importance of positive and constructive thinking in life.

The Vice Chancellor BUIEMS, in his concluding remarks elaborated upon the significance of education in the development and prosperity of nations.
CCPO Quetta Visits BUIITEMS

Mir Zubair Mehmood, CCPO, Quetta visited BUIITEMS on June 28, 2012 with his team. He met the Vice Chancellor BUIITEMS and discussed various security issues in Balochistan. He expressed grief at the loss of students’ lives and the death of Assistant Professor, Mr. Mohammad Hussain in the bomb blast on university bus on June 18, 2012.

Chairman Fatimid Foundation Visits BUIITEMS

Lt. Gen. (R) Moinuddin Haider, Chairman Fatimid Foundation, visited BUIITEMS on September 18, 2012. The distinguished guest was briefed by the Vice Chancellor on various aspects of the University. Chairman Fatimid Foundation eulogized the outstanding work done by the Vice Chancellor and his team in exalting the image of the institution among national and international circles of education.

Ex Federal Minster for Education Visits BUIITEMS

Ex Federal Minister of Education Ms. Zubaida Jalal visited BUIITEMS on August 30, 2012. She was accompanied by Ms. Fareeda Nawsherwani and Ms. Bushra Rind, prominent social workers of Balochistan. Ms. Zubaida Jalal appreciated the leadership skills of the Vice Chancellor. Services of BUIITEMS team were also appreciated in making BUIITEMS a model institution in the country.
College Teachers Visits BUITEMS
A delegation comprising 37 College teachers undergoing professional training at the Balochistan Academy for College Teachers (BACT), visited BUITEMS on October 3, 2012.

The delegation was headed by Prof. Asif Akhtar, Director of the Academy. The group admired the achievements of the University.

Visit of National Computing Education Accreditation Council (NCEAC)
The National Computing Education Accreditation Council (NCEAC) team comprising Dr. Imdad Ali Ismaili, Pro-VC, University of Sindh, Jamshoro and Dr. Zaheeruddin Asif, Program Director, Department of Computer Sciences, Institute of Business Administration, Karachi visited BUITEMS, for the purpose of Accreditation of BS (CS) and BS (IT) programs. The team evaluated the over-all working of the institution in respect of quality of education and academic standards.

Visit of Pakistan Engineering Council
The accreditation visit of Pakistan Engineering Council took place during 1st week of March 2012.

The PEC team visited various units of the Civil Engineering Department and thoroughly inspected the various labs and experimental equipment installed there.

Visit by Audit and Accounts Officers
A seventeen member team of senior Audit and Accounts Officers of Government of Pakistan visited BUITEMS on December 7, 2012. The team was led by Mr. Bilal Majeed Director, Audit and Accounts Training Institute, Lahore.

The objective of the visit was to observe and record the financial affairs and the working of the institution which had risen to enviable heights within a short span of 10 years.
Project Competition of IEEE Student Branch BUITEMS

Faculty of Information & Communication Technology, BUITEMS hosted an Electronics Project Competition and a Seminar on 4th of January, 2012. The objective of the event was to motivate the engineering students to translate their innovative ideas into tangible projects.

Following the project display, a seminar was held in which IEEE membership for new students was floated. The seminar included an introduction to IEEE, benefits of membership and plans of IEEE BUITEMS student branch.

National ICT R&D Funds (2012)

The following BS final year projects for the Faculty of Information and Communication Technology have been approved for funding.

- **PLC based GSM and PC Control Industrial Model**
  Supervisor: Engr. Syed Aurangzeb

- **Power Development of Solar, Wind Energy and Automation System**
  Supervisor: Miss. Mohdissa Barat

- **Walking Robot avoiding Obstacles**
  Supervisor: Muhammad Arif

- **Design & Development of RF based Entrance and Attendance Controlled System**
  Supervisor Engr. Waheeda Jabbar

- **Digital Video Broadcasting over LAN**
  Supervisor: Mirza Amir Mahmood
**BUITEMS Students Won Scholarship Awards**

A leading global technology infrastructure provider and IT consultant TEXPO Group of Companies, UAE announced 25 scholarships for IT students of six state universities in Pakistan under a talent hunt program. The scholarships were awarded on merit. The following students from the department of Computer Engineering, BUITEMS were amongst the awardees of this scholarship.

- Mr. Sardar Alam
- Mr. Mohammad Akbar
- Mr. Shah Khalid

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**BUITEMS Student Artist Wins First Prize**

Mr. Qasim Nabi, a student of the Department of Fine Arts BUITEMS got 1st prize in the painting competition held at Quetta Serena Hotel by the Organization for the Development of Youth (ODY) and Anti-Narcotics Force (ANF) on the topic of Drug Abuse.

Departments of Fine Arts from various universities participated in the competition.
Presentation Skills Competition 2012

Ms. Rukhsar Bibi, a student of BS (IR) and Ali Zain-ul-Abidin from BS (BA) participated in the Inter University Presentation Skills Competition 'Challenges Being Faced by Umat-E-Muslima and their Solutions' organized by Al-Mezan Society and University Law College, Quetta.

Tracking System Device Developed

Haris Ghaffar and Hassan Riaz, students of Computer Science from the Faculty of ICT developed a vehicle tracking device for combating motor bike and car lifting and gave a practical demonstration of their accomplishment before the Vice Chancellor on May 11, 2012. The students came up with a small anti car lifting device that can be introduced in the market for the benefit of the common man. The Vice Chancellor appreciated the efforts of students and offered them his full support for their future projects.

Ms. Farwa Kanwal Wins SUSI Scholarship

Farwa Kanwal, student of BS Mass Communication attended the SUSI program for women leaders at Green River Community College in Auburn, Washington.

She gained awareness about women’s issues in different countries and worked with community organizations, such as the Auburn Food Bank. She also paid visits to Bill and Melinda Gates Foundation and World Vision.
Selection as an Anchor

Mr. Sana Salam the student of Mass-Communication was selected ans a Anchor in PTV Centre Quetta.

Engr. Muhammad Akram Secured top position in MS

Engr. Muhammad Akram, a BUITEMS alumnus as well as faculty member, completed his MS in Software Engineering in year 2012 securing top position in Faculty of Engineering Sciences and Technology (FEST), Hamdard University Karachi. In acknowledgment to this achievement, he has recently been awarded with a Gold medal in the convocation ceremony held at Hamdard University, Karachi. In addition to that he has also secured Fulbright Scholarship award and shall soon be embarking to US for his higher studies at the University of Central Florida.

TELs PROJECT- Authorship and Piloting

HEC and British Council launched a joint project by the name of ‘Transforming English Language Skills’ which is structured according to a need based analysis regarding the language proficiency of students as well as professionals.

In this connection Ms Sadiqa Ramzan from Department of English BUITEMS was selected for the authorship of the basic modules. BUITEMS was one of the 12 major HEI’s selected for this purpose and the EAP module was launched immediately, making the project a success.
Summer School in Advanced Language Engineering

Dr Aftab Ahmed Shaikh from Department of Computer Science participated in the Summer School in Advanced Language Engineering organized by Kathmandu University (the host institution), the University of Konstanz, and University of Engineering and Technology (UET) Lahore, from August 24 to September 22, 2012. The objective of the summer school was to reinforce the area of Natural Language Engineering (NLE) in the region of South Asia. On the completion of the Summer School, the participants of the program were awarded certificates.

14th All Pakistan Allama Iqbal Inter-Varsity Debate Contest

The Allama Iqbal Shield Extempore Debate Contest was held on April 12, 2012, in HEC Auditorium Islamabad. A total of 30 student debaters from all the provinces of Pakistan participated in the bilingual extempore debate.

Ms. Javeeria Hafeez and Mr. Mohammad Bilal Iqbal represented BUITEMS in the final round of All Pakistan Allama Iqbal Inter-University Debate. Ms. Javeeria Hafeez and Mr. Mohammad Bilal Iqbal were awarded shields and certificates, acknowledging their commendable performance in the competition.

Youth Mega Event

Department of Youth Affairs Balochistan organized a Youth Mega event from May 24-30, 2012. Various competitions for the students were held as a part of the program. Students from BUITEMS also participated in Naat, Qirat and Quiz Competitions.

Mr. Atta-ur- Rehman of BS (CE) got 1st position in the Qirat competition. Ms. Rukhsar Bibi of BS (Social Sciences) got 3rd position in the Quiz Competition. Ms. Sehrish Munir participated in the Naat Competition.
Community Building Approaches
TCF Rahbar Program

At BUITEMS we are actively engaged in community service in order to build an ethically sound society and to develop a sense of responsibility amongst the students both at the provincial and national levels. For this purpose four staff members of BUITEMS, Mr. Mohammad Shah Khan, Director UA & FA, Mr. Sameen Khan, Student Affairs Coordinator, Dr. Haji Gul, Medical Technician and Mr. Saad Khan participated in TCF Rahbar Program and worked voluntarily for seven Saturdays from April 13 to May 26, 2012 as mentors.

The volunteers, not only created awareness about the need of social services for the community members, they also led by example much for the motivation and stimulation of other participants.

Pink Ribbon Day Observed

Pink Ribbon Day was observed at BUITEMS on July 8, 2012. The objective of the event was to create awareness among the students and the general public about the need of early medical checkup in order to detect the symptoms of breast cancer among women.

The campaign focused on removing misconceptions and social taboos related to discussions on the subject.

Ration Distribution among Low Paid Employees.

BUITEMS in collaboration with Tanzeem-e-Idara Bahali-e-Mustehkeen (TIBM), a philanthropic non-government organization arranged and distributed Ration Kits amongst the low paid employees of the University in August 2012.

The Vice Chancellor appreciated the generous gesture of TIBM and exhorted all well-to-do people to discharge their humanitarian obligations of helping the poor and the needy.
Study Tours
MBA Final Semester

A study tour to Karachi was organized in February for the students of MBA under the supervision of faculty members Syed Raza Shah and Mr Mirwise Khan. The purpose of the tour was to visit the leading businesses and to avail the opportunity of applying theoretical knowledge to practical situations.

The students visited the following business facilities:

- Lucky Cements
- Hino Pak Motor Ltd
- State Bank of Pakistan

BS Information Technology

The student of department of Information Technology went for study tour in April 2012. The group visited a number of academic and research institutions in Lahore, some of them are:

- Ghost Software
- NetSol Technologies
- Xavor Pakistan
- Mind Storm Studios
- Cyber Soft
- UET Lahore
- NCA & Punjab University

BS Electronic Engineering

The students of BS (EE) went on a study tour to Islamabad in April, 2012. The students visited:

- PTCL exchange.
- HUAWEI Corporation
- National Institute for Electronics
- A.H Automation
- Chital Hydro Power Turbine Texila

BS Computer Engineering

Departments of Computer Engineering organized a study tour for final year students (08–Fall Batch), during the month of May 2012, to Lahore and Islamabad. The tour was focused on visiting various Universities and Companies to provide a practical insight into the constraints and opportunities in the field of Computer Engineering. The students visited the following Universities and organizations:

- Comsats
- PTCL Lahore
- HAWAII
- NUST
BSBA Final Semester

The students of BS-BA final semester visited Islamabad in September, 2012 where they visited the renowned universities of Pakistan including:

- Quaid-e-Azam University Islamabad
- International Islamic University Islamabad
- PIDE Islamabad
- NUST
- National Defense University
- GOMAL University, Dera Ismail Khan.

BS Telecom Engineering

Students of BS Telecom (Fall-2008) visited Lahore, Islamabad and Haripur for Industrial learning study tour of the following institutions:

- Telecommunication Staff College Haripur,
- Telephone industry of Pakistan Haripur,
- National Radio Telecommunication Corporation Haripur
- ZTE Exchange Abottabad, Gateway telephone,
- Intelligent Network, Next Generation Network
- Network Operation Center (NOC) Islamabad
- National Institute of Electronics Islamabad
- Regional NOC Lahore.
BS Chemical Engineering

Department of Chemical Engineering organized annual study tour for final year students in November 2012, to Lahore, students visited the following places:

- Institute of Chemical Engineering at University of Punjab,
- Dawood Hercules Chemical Limited Pakistan
- Akzo Nobel Group’s ICI Limited Pakistan
- Packages Limited Pakistan.

BS Bio-Technology & Informatics and BS Microbiology

The students of BS Bio-Technology and BS Microbiology visited the following organizations for research and observation:

- Agriculture Research Institute
- Center for Advance Studies in Vaccinology and Biotechnology (CASVAB)

Students visit Geological Survey of Pakistan, Quetta

Department of Geological engineering arranged a tour to visit geological survey of Pakistan in December, 2012. The purpose of field visit was related to Rock mass study, Rock identification, different instruments of geophysics, different minerals, astrology study and paleontology.
Research Publications:

Research plays vital role in the development of a country by providing a surge of innovation imperative to industrial development and socio-economic uplift of the country. In this connection BUITEMS has always been attentive to the needs of the society and tried to patronize the research projects, apt for the social requirements. The year 2012 was no different and with various infra-structural developments and the publication of our research journal, an atmosphere contributing to quality research and development has been developed. Academicians are provided with multiple facilities which enable them to find solutions for the loopholes in existing knowledge. At the same time we are striving for establishing collaborative relationships with other institutions for consistently discovering new solutions both for commercialization and qualitative purposes. In the year 2012, a number of faculty members published their research papers or presented in national and international conferences workable solutions related to science and technology, bio-technology & informatics, social & basic sciences and other disciplines.

RESEARCH PAPERS AT A GLANCE:


The nature, sources and the socio-economic effects of terrorism in Balochistan
Zaman, Nadeem Uz; Ghutai, Gul and Khan, Kaneez Raza


The contribution of NGOs to the cultural diversity: the case of Balochistan
Syed Raza Irfan Shah Zaidi, Gul Ghutai, Nadeem Uz Zaman

NPC Natural Product Communications 2012, Vol. 7 No. 2, 195 – 196

A Double-blind, Randomized, Clinical Trial on the Antileishmanial Activity of a Morinda citrifolia (Noni) Stem Extract and its Major Constituents


Scale up studies for the production of protease enzyme using Bacillus subtilis adopting response surface methodology
Muhammad Asif, Abrar Hussain, Malik Arif Ali and Mahmood Rasool.

International Journal of Engineering and Technology, 1 (2) (2012) 77-93

Socio Technical Impact of Broadband Services in Baluchistan
Saira Ath harsham, Aftab Ahmed, Muhammad Javed Iqbal, At harsham Sajid, Amir Shazad


Reproductive Biotechnologies in Dairy industry in Pakistan


Particle Swarm Optimization For N-Queens Problem
Logic formulation & evaluation of academic constraints
Aftab Ahmed, Walayat Hussain, et al.

Bespoke Set of Heuristics for Solving Curriculum Scheduling Problems
Aftab Ahmed, Ali Mazhar, Hussain W.

Three Novel Approaches for Solving N-Queen Problem
Aftab Ahmed, Ali Mazhar, Shaikh A. W.

Employing Information Technology Infrastructure Library to Solve Cloud Computing Security Issues

Improvement in TCP during Hands Off in Wireless Networks
Mehmood Mirza Aamir, Sajad A, Khokhar A.S, Baryali M.

Password Security using Text Password during Hands Off in Wireless Networks
Khokhar A.S, Mehmood Mirza Aamir, Ahmed A, Baryali M.

Large and Dense Wireless Sensor Networks with Respect to Best possible Number of Clusters
Sajid Ahthasham, Sajid A, Mehmood Mirza Aamir, Baryali M.

Springer Science+Business Media B.V. 2012
A missense mutation (p.G274R) in gene ASPA causes Canavan Disease in a Pakistani family
Rashida Hussain, Shakeela Daud, Naseebullah Kakar, Adeel Ahmad, AbdulHameed Baloch • Abdul Malik Tareen, Muhammad Azam Kakar, Jamil Ahmad

To study the basic concepts of Monte Carlo Simulation by calculating the value of π
H. U. Khan †, Anees ur Rahman, Fazli Manan.

Radiation Effects & Defects in Solids, iFirst, 2012, 1–8
Effect of pre-ionization on Cu Kα emission from a small plasma focus
H.U. Khan and M. Shafiq

Effect of preionization on the dynamics of current sheath in a small plasma focus device
H.U. Khan and M. Shafiq.
Radiation Effects & Defects in Solids iFirst, 2012, 1–8
Effect of preionization on the axial run-down velocity, focus amplitude and current sheath formation in 3.3 kJ small He plasma

"Three Novel Approaches For Solving N-Queens Problem."
Aftab Ahmed, Abdul Wahid Shaikh, et al.

"Bespoke Set of Heuristics for Solving Curriculum Scheduling Problems ".

Heuristic Approaches For Solving N-Queens Problem.

"Particle Swarm Optimization For N-Queens Problem."

Logic Formulation and Evaluation of Academic Constraints.
Aftab Ahmed, Walayat Hussain, et al.

Sindh University Research Journal (Science series) Vol 44, Number 2AB, June 2012, ISSN 1813-1743. 75-80

Particle Swarm Optimization For N-Queens Problem.

Sindh University Research Journal, Volume 44 AB Number 02, June 2012
Large and Dense Wireless Sensor Networks With Respect To Best Possible Number of Clusters.
Saira Athhasham, Ahthasahm Sajid, Mirza Aamir Mehmood.

Sindh University Research Journal, Volume 44 AB Number 02, June 2012
Three Novel Approaches For Solving N-Queen Problem.
Dr. Aftab Ahmed, Mazhar Ali, Ahthasham Sajid.

Detection of BRCA1/2 mutations in breast cancer patients from Thailand and Pakistan.

Hussain R, Daud S, Kakar N, Ahmad A, Baloch AH, Tareen AM, Kakar MA, Ahmad J.

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**Plant cell (in press) .2012**

Integrated Systems View on Networking by Hormones in Plant Immunity Reveals Multiple Crosstalk for Cytokinins.
Naseem M, Phillipi N, Hussain N, Wangorsch G, Ahmed N and Dandekar T.

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**Pak. J. Bot., 44: 301-304, special issue march 2012**

**xcells xcelspagation and conservation of three Juniperus species (cupressaceae)**
Mudassir asrar zaidi, saifullah khan, nusrat jahan, Asma yousafzai1 and Arsala

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Reproductive biotechnologies in dairy industry in Pakistan

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Comparative analysis of essential oil contents of Juniperus xcells (M. Beib.) found in Balochistan, Pakistan, 8159
Muhammad Hussain Khajjak, Mohammad Saeed, Agha Mohammad Raza, Mohammad Naeem Shawani, Fayyaz Ahmed, Ghazala Shaheen

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**Human Genetics ISSN: 0340-6717 ( 2012)**

An Alu repeat-mediated genomic GCNT2 deletion underlies congenital cataracts and adult i blood group.

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**Clinical Genetic ISSN: 1399-0004(2012)**

Detection of BRCA1/2 mutations in breast cancer patients from Thailand and Pakistan.

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**The Journal of Animal and Plant Sciences, 23(1 Suppl.): 2013, Page: 90-93 ISSN: 1018- Stabilization of Fresh Buffalo Milk By Activating Lactoperoxidase System,**
Masood ul Haq Kakar, Muhammad Azam Kakar, Muhammad Naeem Shahwani, Naezer Ahmed, Muhammad Akbar Arain and Muhammad Khaskhiali.

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Ecophysiology of seed germination in native and exotic Labiates of Balochistan, accepted for publication
Afroz R. Khan, Muhammad Saeed, Muhammad Naeem Shahwani, Naezer Ahmed, Agha Muhammad Raza and Muhammad Hussain Khajjak.

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Reproductive biotechnologies in dairy industry in Pakistan
**African Journal of Biotechnology.** 11(32), 8154-8159

**Comparative analysis of essential oil contents of Juniperus excelsa (M. Beib.) found in Balochistan, Pakistan,**
Muhammad Hussain Khajajik, Mohammad Saeed, Agha Mohammad Raza, Mohammad Naeem Shawani, Fayyaz Ahmed, Ghazala Shaheen.

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**Prognostically significant fusion oncogenes in Pakistani patients with adult acute Lymphoblastic Leukemia and their association with disease biology and outcome.**
Noreen Sabir, Zafar Iqbal, Aamer Aleem, Tashfeen Aw'an, Tahir Naeem, Sultan Asad, Ammara H Tahir, Muhammad Absar, Rana Mohammad Waleed Hasanato, Sultana Basit, Muhammad Azhar Chishti, Muhammad Faiyaz-Ul-Haque, Ahmad Mukhtar Khalid, Muhammad Farooq Sabar5, Mahmood Rasool, Saajad Karim, Mahwish Khan, Baira Samreen, Afia M. Akram, Muhammad Hassan Siddiqi, Saba Shahzadi, Sana Shahbaz, Agha Shabbir Ali, Amer Mahmood, Muhammad Akram, Tariq Saeed, Arsalan Saleem, Danish Mohsins, IJaz Hussain Shah, Muhammad Khalid, Mohammad Asif, Mudassar Iqbal, Tanveer Akhtar.

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Muntaz Begum, Mahmood Rasool, Rukhsan Khurshid, Arif Malik, Muhammad Asif, Asmat Salim, Saeed Ahmed Nagra, Ahmad Zaheer, Mohammed Hussain Alqahtani, Adee Gulzar Chaudhary, Saajad Karim.

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**Five Most Common Prognostically Important Fusion Oncogenes are detected in majority of Pakistani Pediatric Acute Lymphoblastic Leukemia Patients and are strongly associated with disease biology and treatment outcome**

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**Characterization of Common Fusion Oncogenes As Prognostic Molecular Identities in Adult Acute Lymphoblastic Leukemia Identifies the Need for Genetic Testing At Presentation, Molecular Prognostic and Differential Treatment.**

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**Detection of Five Common Fusion Oncogenes in Pakistani Children with Acute Lymphoblastic Leukemia and Their Association with Clinical Pattern and Treatment Outcome.**

---


**Molecular Characterization of FLT3 mutation in Acute Leukemia patients in Pakistan.**
Mariam Ishfa, Arif Malik, Mariam Fiaz, Ishfaq Sheikh, Muhammad Asif, Muhammad Nasrullah Khan, Muhammad Saeed Qureshi, Sara Zahid, Abdul Manan, Mahmood Hussain Qazi, Adee Gulzar Chaudary, Mohammad Hussain Alqahtni and Mahmood Rasool.
Book Published

Education, Child Labor and Human Capital Formation in Selected Urban and Rural Settings of Pakistan.

By: Dr Abdul Salam Lodhi

Series: Development Economics and Policy
Volume 68,
PETER LANG International Academic Publishers, Germany

CONFERENCE PRESENTATIONS

Dr. Faisal Khan

Faisal Khan, Yusun Chang, SungJin Park and John Copeland.
Towards guaranteed delivery of safety messages in VANETs.
IEEE Global Communication Conference (GLOBECOM) Los Angeles, USA. 2012.

Faisal Khan, Yusun Chang, SungJin Park and John Copeland.
Introducing lane based sectoring for routing in VANETs.

Faisal Khan, Yusun Chang, SungJin Park and John Copeland.
Handshaking vs. instant broadcast in VANET safety message routing.
IEEE International Symposium on Personal Indoor and Mobile Radio Communications (PIMRC), Toronto, Canada. 2011.

Faisal Khan, Yusun Chang, SungJin Park and John Copeland.
Covering holes in VANET safety-message dissemination.
## Faculty Research Projects

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<th>Title of the Project</th>
<th>Funding Agency</th>
<th>Faculty</th>
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<td>Identification of Genes Involved in Primary Microcephaly</td>
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<td>Dr. Agha Muhammad Raza</td>
<td>Assessing the Relationship between Periodotal Diseases and Ischemic Coronary Heart Diseases in local population of the patients of Quetta</td>
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<td>3</td>
<td>Dr. Nazeer Ahmed</td>
<td>Development of a detection system for rust resistance genes in Wheat (<em>Triticum aestivum</em>).</td>
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<td>Ms. Asma Yousafzai</td>
<td>Comparison of ELISA and RIA Techniques for the diagnosis of Hypothyroidism by detecting the level of Thyroid Stimulation Hormone (THS), T4 and T3 in different ethnic groups of Quetta City.</td>
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<td>5</td>
<td>Dr. Nazeer Ahmed</td>
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# Student Research Projects

## Department of Telecom Engineering

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<td>Sajid Masood, Kashif Ahmad Salman Mohammad, M. Sohaib, Kamal Shah</td>
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# Department of Electronic Engineering

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<td>Waseem Saeed, Mansoor Ahmad, Owais Malik, Fawad Ahmad, Shahbaz Hussain</td>
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<td>Zaheer Ahmad, Zeeshan Ahmad</td>
<td>School inter communication System</td>
<td>Engr. Shanila Azhar</td>
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<td>5</td>
<td>Saifullah, Shahjahan, Jameel Mohammad</td>
<td>Autonomous Robot with artificial vision for pick and place</td>
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<td>Javid Ali, Yasir Khan, S. M. Musa</td>
<td>DTMf Control Vechicle</td>
<td>Engr. Aadil Siddiqui</td>
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<td>Zaheer Jan, Amber Muneer, Abdul Rehman Jami, S. Jahangeer Shah</td>
<td>WiMax</td>
<td>Engr. Abdul Samad</td>
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<td>8</td>
<td>Abdul Samee, Junaid Javed, Ali Zia</td>
<td>R.E Generator</td>
<td>Engr. Waheeda Jabbar</td>
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<td>11</td>
<td>Zahir Ashiq, Qazi Junaid, Hafiz Ahsan</td>
<td>Maximum solar energy generator</td>
<td>Engr. Jameel Ahmed</td>
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<td>12</td>
<td>Shahzad Ahmed, M. Rafiq, Qamar Abbas, Arif Hussain</td>
<td>A steamer control simulator and trainer</td>
<td>Engr. Arsalan-ul-haq</td>
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<td>13</td>
<td>Asad Iqbal, Kashif Wakeel, Amin Ullah, Kashif Ur Rehman</td>
<td>Cell Phone Base Electronic Voting system</td>
<td>Engr. Shahrukh Riyaz</td>
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<td>14</td>
<td>Iftikhar, S. Abdul Wakeel</td>
<td>RRM (Retailer Relationship Management)</td>
<td>Engr. Shanila Azhar</td>
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<td>15</td>
<td>Zohair Aashiq, Qazi M Junaid, Hafiz IhsanUllah</td>
<td>Data Acquisition System through Sensors</td>
<td>Engr. Shahrukh Riyaz</td>
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### Department of Computer Science

<table>
<thead>
<tr>
<th>S.No</th>
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<tr>
<td>1</td>
<td>Baqir Ali, Hirra, Arshad, Mahin Essa, M. Muhtishim, Abdul Wadood Khan</td>
<td>Crazy Wheels</td>
<td>Siraj-ul-Munir</td>
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<td>Zarak Khan, M. Owais, M. Owais M. Fahad</td>
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<td>Muhammad Junaid</td>
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<td>Hassan Riaz, Hadis Ghaffar</td>
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<td>Mirza Amir</td>
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### Department of Information Technology

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<td>Ahsan, Junaid, Raza Ali</td>
<td>Online DBMS for Organization’s use (PRCS)</td>
<td>Mehmood Baryal</td>
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<td>Faryal, Saleem, Saima, Adil</td>
<td>Virtual tour of BUITEMS</td>
<td>Syed Attique</td>
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<td>Jamshed, Rahile, Manzoor,</td>
<td>Library Management System</td>
<td>Mazhar Ali Abro</td>
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## Department of Management Sciences

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<tr>
<td>Sohail Shah, Naseer Ahmad, Shabir Shah, Asad Khan</td>
<td>Impact of Exchange rate of Volatility on Export of Pakistan</td>
<td>Mr. Abdul Sattar Lecturer</td>
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<td>Muhammad Imran Faiz, Wali Khan, Ghulam Raza,</td>
<td>Impact of Financial Ratios on the Price Earnings Ratio of Firms</td>
<td>Mr. Muhammad Asif Raz Assistant Professor</td>
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<td>Sadaqat Ali, Abdul Baseer, Shah Faisal,</td>
<td>Testing the Volatility Clustering in Top 25 Companies of KSE 100 Using Capm</td>
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<td>Shahid Khan, Sheryar Khan, Jawad Khalid, Faheem Ahmad,</td>
<td>Nature and types of Organizational Conflict in Habib Bank Ltd, Quetta</td>
<td>Mr. Barkat Ali Professor</td>
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<tr>
<td>Nausheen Khan, Hina Naz, Syed Ali Raza, Sehrish Fatima,</td>
<td>The Problems and prospects of potential women entrepreneurs in Quetta</td>
<td>Mr. Adeel Anjum Lecturer</td>
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<td>Shamaila Sohail, Virda Niazi Muhammad Waqar Akram, Kazim Raza Rizvi,</td>
<td>Causes of Stress and its effect on employee performance in Private Bank of Quetta</td>
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<td>Junaid Shahid, Ahmer Manan, Junaid Hassan, Javid Wahab</td>
<td>Preference to Different Teaching Methods, Public Sector Universities Quetta</td>
<td>Prof. Barkat Ali Professor</td>
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<td>Syed Muhammad Hamayun, Syed Haroon Shah, Asad Ibrahim Khan, Asadullah, Mutahera Rizvi</td>
<td>The impact of deceptive Advertisement on Telecommunication Industry in Pakistan</td>
<td>Ghulam Mujtaba Junejo Assistant Professor</td>
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<td>Students Name</td>
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<td>Yaseen Shah, Muzamil Shah, Kashif Ali, Fahad Hussain</td>
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<td>Mr. Nadeem uz Zaman Assistant Professor</td>
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<td>Adil Ali, Shoailb Kasi, Ali Raza, Saif - ur - Rehman</td>
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<td>Dilawar Khan, Mohammad Hussain, Anum Sheikh, Dilber Ali</td>
<td>A Comparative Study of NGO's supported Vs. non-supported School</td>
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<td>Muhammad Ali, Jasim Rashid, Asma Batool, Khuda Bakhsh</td>
<td>The effect of Financial Aid on Academics Performance</td>
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<td>Muhammad Talha, Fizah Erum, Zawar Iftikhar, Haris Waseem</td>
<td>Challenges and opportunities for a woman entrepreneur in Quetta</td>
<td>Ms. Musarrat Karamat Assistant Professor</td>
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<td>Mian Hammad Talat, Adeel Ali, Mir Aimal Kasi, Momind Khan</td>
<td>Assessing the Economic Impact of Sukuk (WAPDA for Mangla Dam Raising Project)</td>
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<td>Abdul Munaf, Umair Maqbool, Rabia, Maria Hina,</td>
<td>Factors Influencing Investment Decision of Individual in Stock Market in Balochistan</td>
<td>Mr. Muhammad Asif Raz Assistant Professor</td>
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<td>Aiman Javed, Haneef Ullah Khan, Umar Maqsood, Muhammad Shehzad</td>
<td>The Impact of Dividend Announcement Stock Prices</td>
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<td>Masooma Safdar, Zakria Afroz, Waqas Ahmed</td>
<td>Credit Risk Assessment of Commercial Banks Operating in Quetta A comparison of guidelines by SBP</td>
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<td>Arham Rahim, Mehboob Ali, Akram Aslam, Abid Ismail</td>
<td>Islamic Micro Finance a Pathway to poverty Alleviation</td>
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Seminars, Symposia & Workshops
Seminars and Symposia

**Theme:** Seminar and Project Competition of IEEE Student Branch BUITEMS Quetta

**Organized for:** To motivate the engineering students to translate their innovative ideas into tangible projects

**Venue:** BUITEMS, Takatu Campus

**Held on:** January 04, 2012

**Organized by:** IEEE

**Coordinated by:** Prof. Dr. Aftab Ahmed Sheikh

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**Theme:** Seminar on ‘Social Problems of Pakistan; Causes, Consequences and Solutions’

**Organized for:** Students of BUITEMS.

**Venue:** BUITEMS, City Campus

**Held on:** January 11, 2012

**Organized by:** Students of BS (BA)

**Coordinated by:** Mr. Zafar Ullah
Theme: Seminar on Financial Statements of NGOs
Organized for: Students and faculty members
Venue: City Campus auditorium
Held on: January 27, 2012
Resource Person(s): Mr. Ikram-ul-Haq, Manager Internal Audit and Compliance, Mr. Abdul Kareem and Mrs. Humaira Farooq
Organized by: Students of MBA and BS (BA)
Coordinated by: Ms. Rukiya Magsi

Theme: Seminar on ‘An Orientation of HEC Programs’
Organized for: Faculty and teaching staff
Venue: BUITEMS City and Takatu Campuses
Held on: April 11 and 12, 2012
Resource Person(s): Mr. Habibullah, Deputy Director, HEC
Organized by: Human Resource Development
Coordinated by: Ms. Fakhra Ramzan
Theme: Seminar on ‘Behavior Modification’
Organized for: Students of the Faculty of Arts & Basic Sciences
Venue: Takatu Campus
Held on: 25th May, 2012
Resource Person(s): Ms Anila Zafar, Mohammad Shah Khan, Azizuddin Agha
Organized by: Department of Social Sciences in collaboration with Student Affairs
Coordinated by: Ms Anila Zafar

Theme: Seerat Conference
Organized for: Student and faculty
Venue: Takatu Campus
Held on: 11th June 2012
Resource Person(s): Molana Anwar-ul-Haq Haqqani, Mufti Muhammad Rozi Khan, Mr. Muhammad Shah Khan
Organized by: Department of Islamic Studies
Coordinated by: Mr. Tariq Mehmood
Theme: Seminar on 'Challenges of English Language Teaching in Contemporary Times'
Organized for: Faculty and students
Venue: Takatu Campus
Held on: 14th June 2012
Resource Person(s): Prof Sultan Mehmood Niazi, Dr Feroz Qaiser Kasi and Mr Naeem Nasir
Organized by: Department of English
Coordinated by: Ms. Sadiqa Ramzan

Theme: Quetta Youth Conference under the theme of 'Mera Pegham Mubabbat Hai'
Organized for: Students from different institutions
Venue: Takatu Campus
Held on: June 2012
Resource Person(s): Muhammad Shah Khan, Umair Jhaliawala, Dr. Jawad Babai
Organized by: ODY
Coordinated by: BUIITEMS Student Affairs
Theme: Workshop on ‘Structural Analysis employing Finite Element Numerical Approach with Solid Works'
Organized for: Faculty of Engineering
Venue: Takatu Campus
Held on: September 28, 2012
Resource Person(s): Mr. Arshad Ali
Organized by: Department of Civil Engineering
Coordinated by: HRD

Theme: Seminar on Fostering Business Sustainability for Competitiveness in Pakistani SMEs
Organized for: Faculty members
Venue: City Campus
Held on: October 25, 2012
Resource Person(s): Dr. Abdul Raziq, Ms. Mussarat Karamat, Mr. Ghulam Mujtaba Junejo, Ms. Ammarah Ahmed, Mr. Mohammad Shah Khan
Organized by: Department of Management Sciences
Coordinated by: Directorate of HRD
Workshops

IELTS Training
Scholarship awardees Australian Development Scholarship (ADS)
City Campus
January 17, 2012
Prof. Sultan Mahmood Niazi, Mr. Naeem Nasir, Engr. Abdul Wahab
Prof. Sultan Mahmood Niazi
Ms. Fatima Moin, Team Leader, Australia Awards

‘TCF Rahber Program’
students and Faculty
Takatu Campus
March 27, 2012
Miss Shazia Kamal, Mr. Mohammad Shah Khan
BUITEMS Students Affairs
The Citizens Foundation (TCF)
Theme: Workshop on “Ensuring Training Effectiveness”
Organized for: Faculty members
Venue: University of Balochistan
Held on: March 29-31, 2012
Resource Person(s): Ms. Rukiya Magi, Ms. Bushra Wazir
Organized by: University of Balochistan
Coordinated by: HEC

Theme: Workshops on “Career Development”
Organized for: Final Year Students
Venue: BUITEMS City Campus, Takatu Campus
Held on: May 15, 2012 and May 16, 2012
Resource Person(s): Mr. Mohammad Shah Khan
Organized by: Career Services Office
Coordinated by: Directorate of UA & FA
**Theme:** Workshop on Entrepreneurship  
**Organized for:** Students from BUITEMS, SBK Women University and University of Balochistan  
**Venue:** Takatu Campus  
**Held on:** 18th April, 2012  
**Resource Person(s):** IBA Karachi Faculty members  
**Organized by:** Between Faculty of Management Sciences and Student Affairs  
**Coordinated by:** IBA Karachi

**Theme:** Training Course on Microsoft .NET Software Development  
**Organized for:** Faculty members  
**Venue:** Takatu Campus  
**Held on:** June 07-11, 2012  
**Resource Person(s):** Mr. Basharat Hussian from TEO International  
**Organized by:** Directorate of Human Resource Development (HRD)  
**Coordinated by:** Departments of Computer Science
Theme: Faculty Professional Development Program
Organized for: Faculty members from public and private sector universities of Pakistan
Venue: HEC Islamabad
Held on: April 3 to June 2, 2012
Resource Person(s): HEC master trainers
Organized by: Learning Innovation Division HEC
Coordinated by: LID

Theme: CPD Short Courses Series “SEISMIC DESIGN & DETAILING”
Organized for: Faculty members
Venue: PEC Quetta
Held on: September 10, 2012
Resource Person(s): PEC Engineers
Organized by: Pakistan Engineering Council
Coordinated by: Department of Civil Engineering
Theme: Master Trainer's Workshop for the 'Transforming English Language Skills' (TELS) Project
Organized for: Master Trainers
Venue: HEC Islamabad
Held on: Sep 10-14, 2012
Resource Person(s): TELS Authors
Organized by: HEC & British Council
Coordinated by: Lina Adnolfi & Helen Peters

Theme: Course on 'Computer Aided Analysis & Design of Multi-storeyed Buildings for Quetta'
Organized for: Engineering Faculty
Venue: Takatu Campus
Held on: October 18, 2012
Resource Person(s): Yasir Mehmood Cheema
Organized by: Directorate of HRD
Coordinated by: PEC
Theme: Workshop on ‘Mastering Qualitative Research Methodology and Analyzing Qualitative Data using SPSS and NVIVO’
Organized for: faculty members
Venue: Takatu Campus
Held on: 26th and 27th September, 2012
Resource Person(s): Dr. Liz D. Molina, from Harvard University, USA and Mr. Jonna Chrzanowska
Organized by: Department of Survey and Data Management, Government of Pakistan
Coordinated by: Directorate of Quality Enhancement & Accreditation (QE&A)

Theme: Workshop on “Ensuring Training Effectiveness”
Organized for: Faculty members of Pakistani universities
Venue: AIT, Thailand
Held on: November 26- December 14, 2012
Resource Person(s): AIT Faculty
Organized by: AIT Extension, Bangkok
Coordinated by: HEC
Newsletters
Annual Reports
# Research Journal

## Volume 3- Issue I

Ayesha Manzoor, Sundus Sial, Faiza Manzoor and Anwar-ul-Haq  
The Schema as the Predictor of Depression among the Adolescents

Abdul Qadeer, Adnan Aftab, Imran Nazir  
Optimization of Energy Consumption during Natural Gas Dehydration

H. U. Khan, Anees ur Rahman, Fazli Manan  
To Study the Basic Concepts of Monte Carlo Simulation by Calculating the Value of Π

Muhammad Zubair Khan  
Statistical Analysis of the macro-economic Variables affecting the profitability of Commercial Banks of Pakistan

Ayesha Arsha, Muhammad Naeem Shahwani, Asma Yousufzai, Fazl-ur-Rehman, Muhammad Asif, Nazeer Ahmed,  
Comparative Genome/Proteome Analysis of Four Serotypes of Dengue Virus Using Bioinformatics Tools

H.M. Noor ul Huda Khan Asghar, Z. A. Gilani, M.S. Awan, I. Ahmad, Q. Wahab and M. Asghar  
Characterization of Sic by Means of C-V Measurement of Respective Schottky Diode by DLTS

Noor Ahmed and Nazakat Ali  
Reduction of Fibrillation of Lyocell Fabric in Continuous Dyeing

Faisal Khan, Yusun Chang, Sungjin Park, Ehsanullah Kakar, John Copeland  
Handshaking vs. Instant Broadcast in VANET Safety Message Routing

Nazakat Ali and Noor Ahmed  
Orange Peel as an Adsorbent for the Removal of Reactive Blue Dye from Textile Waste water.

Abdullah Rasheed Qureshi, Adnan Aftab, Zaheer Kasi, Abdul Sami Gahjo Abro  
Investigating the Mechanical Properties and Drill-ability of Rocks

Asma Yousafzai, Saima Saleem, Nusrat Jahan, Fariha Javed, Muhammad Waseem Khan, Razia Kanwal  
Extraction Of Active Components Of Aloe Vera To Treat Acne/Pimple

Usman Azhar  
Effects of Trade Liberalization on Economic Growth of Pakistan

Faisal Khan, Yusun Chang, Sungjin Park, Ehsanullah Kakar and John Copeland  
Introducing Lane Based Sectoring for Routing in VANETs

Muhammad Hashim, Ali Nawaz Mengal  
Flow Dynamics of Two Phase (Air and Water ) Stratified Flow by a Simulation Package COMSOL MULTIPHYSICS

Babaev VN, Shmukler VS, Feirushah SH, Kalmikov OA, Zinchenko VM, Ehsanullah  
Rational Design of Retaining Walls
Directorate of Information Technology

The Directorate of Information Technology at BUITEMS, divided into five main domains namely System Administration, Campus Management Solution (CMS), Network Administration, E-mail Administration and Video-Conferencing. Administration works as a team to facilitate the University faculty and administration through extending technical support. During the year 2012 Directorate of IT performed a number of important tasks as elaborated below:

System Administration

- Purchased new computers for the use of faculty, admin staff, and for telecommunication lab along with the establishment of a new computer lab with wireless networking solution and named as Multiprotocol Computing Lab.
- DLP multimedia projectors were installed in various class rooms and labs across the both campuses.
- A new SIEMENS 100 kVA generator was installed to provide power backup facility for datacenter and two sets of 8 kVA UPS American Power Conversion © were installed.
- Installation of interactive smart boards and symposiums to provide state of the art facility for briefings and presentations.
- Installation of wireless delegates units, speakers, amplifier and other accessories to provide complete sound system solution in training room, Takatu campus BUITEMS.
- Biometric Time Attendance machines were installed for all the faculties and administration offices to register the log IN & log OUT timings of the employees.
Campus Management System (CMS)

- Continuous training sessions for capacity building of Deans/Chairpersons/Focal persons/Course instructors throughout the year.
- Issuance of System generated fee invoices from CMS for regular students to ensure transparency in fee collection process.
- Preparation of new reports and manuals for convenience of the stake holders.
- 1508 students were graduated through CMS.

Network Administration:

- Wireless connectivity between Takatu Campus and City campus was enhanced by installing airFibre wireless bridges.
- To ensure smooth and efficient internet traffic, CISCO manageable switches were installed in City and Takatu campuses. Various new projects of networking were realized in 2012 that include Multiprotocol lab, computer lab for admission office and executive block.
- Backup wired links were laid down to ensure availability of internet in various academic blocks.
E-mail Administration:

- New licenses were purchased for IBM Lotus notes and various software versions were updated.
- Trained newly inducted employees in the orientation session.

Video Conferencing Administration:

HD video conferencing facility was extended to the meeting room of Executive block.

Various courses and sessions were organized in Video Conferencing Facility during the year 2012.
Directorate of Quality Enhancement & Accreditation

Directorate of Quality Enhancement & Accreditation was established in 2006 and since then it is maintaining and continuously enhancing academic standards, enhancing students’ learning, verifying that the existing programs meet their objectives and institutional goals by ensuring the Self Assessment Process in its academic programs regularly.

Directorate is responsible for the accreditation of all the Engineering Programs and ensures that the quality standards are being met.

In the year 2012, the following programs have been accredited by the National Computing Education Accreditation Council:

1. BS Computer Science
2. BS Information Technology

The Directorate also facilitated the Interim visit of Pakistan Council of Architects and Town Planners for its B-Architecture program, and National Business Education Accreditation Council for the accreditation of..

1. Master of Business Administration
2. BS (Business Administration)
Directorate of University Advancement & Financial Assistance

The Directorate’s mission is to foster mutually beneficial relationships with alumni, trusts/foundations, corporate sector, international partners, officials, the media, and the general public. We intend to build and maintain relationship based on fidelity and integrity to raise funds for advancement of BUITEMS. We strive to provide financial assistance to students as a way to increase access to higher education.

Financial Assistance Office

In the year 2012, BUITEMS maintained its tradition of providing financial assistance to its students. More than 2100 students of BUITEMS received financial assistance in the form of scholarships, fee waivers and Work-study. In addition to the merit- and need-based scholarships provided by BUITEMS, many other donors provide scholarships to BUITEMS students. Some of these donors include:

- USAID
- JICA
- HEC
- NICR R&D Fund
- Pakistan Bait-ul-Maal
- Punjab Educational Endowment Fund
- Professional Education Foundation (PEF)
- Frontier Corps (FC), Balochistan

- Texpo Global
- Fauji Fertilizer Company Limited,
- Political Agent for Kurrum Agency
- Tanzeem Idara-e-Bahali Mustahiqueen
- Sui Southern Gas Company Limited
- Duki Coal Mine Project
- Alfalah Scholarship scheme
- MP Fund

Work-Study Program

BUITEMS is the first university in Pakistan to introduce Work-Study Program. In this connection, 175 slots per semester are reserved for the students applying for fee waiver in the form of Work-Study Scholarship Program bringing a grand total to 350 students per year. These students work in various sectors of the University under the supervision of administrative staff or the faculty members gaining experience along with monetary benefits.
University Advancement & Alumni Relations Office

University Advancement & Alumni Relations Office maintains a productive relationship with donors and BUITEMS alumni. A comprehensive database of BUITEMS Alumni and donors is maintained. The BUITEMS alumni are regularly informed about the developments in their alma mater through social media and electronic communication. BUITEMS Newsletters and Annual Reports are shared through e-mail with alumni and donors, regularly. BUITEMS has so far produced around **3500 graduates** in different disciplines. Our alumni are currently serving more than 180 employers worldwide.
<table>
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<td>MS (Environmental Management &amp; Policy)</td>
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| **Japan International Aid Agency (JICA)** | - Strengthening of BUITEMS Engineering Programs through provision of equipment and trainings  
  - Assisting BUITEMS in getting accreditation of Washington Accord  
  - Strengthening of BUITEMS Career Services Office                                                                                           |
| **University of Southern Queensland, Australia** | - Fostering business sustainability for competitiveness in Pakistani small and medium size enterprises (SMEs).  
  - Women Entrepreneurship                                                                                                                     |
| **US Department of Commerce**   | - Pak-US Consultation on Technology Transfer under Commercial Law Development Program                                                                 |
| **Winrock International Institute of Agriculture Development** | - Pakistan Agriculture Cold Chain Development Project                                                                                         |
| **AusAID**                      | - Consultancy to promote Australian Development Awards  
  - Foundation trainings of the Australian Development Awards                                                                                   |
| **SUPARCO**                     | - Establishment of GIS Lab.  
  - World Space Week Celebrations                                                                                                                                 |
| **Pakistan Institute of Management (PIM)** | - BUITEMS Executive Education Center  
  - Professional Training Programs                                                                                                                                 |
| **Pakistan Council for Science and Industrial Research (PCSIR)** | - Establishment of Lab                                                                                                                                 |
| **Institute of Business Administration, Karachi** | - Global Entrepreneurship Monitor Research Program                                                                                                                                 |
Career Services Office
Career counseling is an ongoing activity. Career Advisors/Consultants are available on appointment to help and address individual and group needs. The Career Services Office has maintained a database of the career advisors and Manager Career Services works as a liaison between students and career advisors. Counseling and advice is provided to BUITEMS students in the following areas:

- Skills Assessment
- Personality Assessment
- Interest Assessment
- Stress Level Measurement
- Scope of Different Occupations
- Resume Critiques
- Mock Interviews Sessions
- Exploring Professional Career Development Opportunities

Career Workshops and Panels
The Career Services Office organizes a variety of pre-scheduled practical workshops, seminars and panels related to students’ career development. In the year 2012, the following workshops/panel discussions on the following topics were conducted:

- Resume writing
- Interviewing skills
- Cover letter writing
- Entrepreneurship
- Stress management
- Job search strategies
- Consultative workshop for youth development
- Communication skills
- Professional etiquettes

Job Placement/On-Campus Recruitment
The Career Services Office has maintained an employers’ database. The Office keeps informing the senior students and graduates regarding national and international job opportunities. Graduates’ resumes are shared with the organizations as per the demand of the vacant positions.
On campus recruitment is also carried out on regular intervals. In the year 2012, 60 students were placed in the following organizations:

- Pakistan Air Force
- Egyptian Pakistani Telecommunication Services Company Pvt Ltd
- Pakistan Zarghoon Motors
- Interactive Group
- Wateen Pakistan
- Zong Pakistan
- Kay Chemicals
- SUPARCO
- USAID Energy Policy Project
- PSO
- Mobilink
- First Mile Consultants
- SMEDA
## Students’ Internships

In order to bridge the gap between students’ theoretical knowledge and the actual business world, students at BUITEMS are required to undertake internships during their study programs.

| Pakistan State Oil (Karachi) | State Bank of Pakistan ‘SBP-BSC |
| Oil & Gas Development Company | QESCO |
| Limited (OGDCL) | SUPARCO |
| PPL | Engro Fertilizer |
| MOL Pakistan | SME Bank |
| Schlumberger Pakistan | Askari Bank |
| Save the Children | Civil Aviation Authority |
| SSGC | Generation Company II, Giddu |
| SMEDA | Tarbela Dam,WAPDA,Swabi |
| The Attock Oil Company Limited | National Transmission and Despatch company |
| Techno Petroleum (Pvt.) Ltd. | Hyderabad Electric Supply Company |
| Pakistan Oilfields Limited | Mangla Dam Power House |
| OMV (Pakistan) Exploration G.m.b.H. | Rawal Dam Power house |
| Mari Gas Company Limited | Habibullah Costal Power Plant |
| Sprint Oil & Gas Services FZ-Pakistan | National Telecommunication Company |
| ZonG, Quetta | Mehran Textile Industry Shadadpur |
| Telenor Quetta | Sistech Systems Karachi |
| Warid Quetta | Crescent Bhaluman limited Faisalabad |
| Moblink | Interloop Textile Industry Faisalabad |
| Ufone Quetta | Maqsood Textile Mill |
| PTCL | Saphire Textile Mills |
| SEHER | Acro Textile Mills Multan |
| Tarake Foundation | Amjad textile Mills |
| BEF | Azguard 9 textile Mills Raiwand |
| British Council | Reshmia textile Mills |
| IUCN | Gadoon Textile Mills |
| Save the Children | Ahmed Textile Mills |
| UNDP | Kohinoor Textile Mills Phindi |
| UNHCR | DG Khan Cement |
| UNICEF | Askari Cement Ltd(Wah) |
| RAVI TEXTILE MILLS LIMITED | Bestway Cement Ltd |
| AL-NOOR SUGAR MILLS LIMITED | Saindak Project Pakistan |
| Pakistan Ordinance Factory Wah Cantt | Recodec Project Pakistan |
| Balochistan Workers Welfare | United Bank Ltd |
| SOS Children’s Village Quetta | IDO |
| BURQUE | Serena Hotel Quetta |
| PPHI | NRTC |
| Balochistan Community Development | Al Noor Sugar mills |
| Get Technologies | Mehran Sugar mills Ltd |
| Idar-e-Falah-o-Behood | Weatherford |
| Youth Affairs Department | Attock Refinery Ltd |
| Bank Alfalah Ltd | ICI Pakistan |
| National Bank Of Pakistan | DESCION Engineering |
| Habib Bank Pakistan Quetta |  |
BUITEMS Executive Education Center (BEEC) is the first Center of its kind in Balochistan with a mission to partner with organizations to develop their human resource by providing practical corporate educational solutions to produce tangible results aligned with the organizations’ strategy.

BUITEMS and Pakistan Institute of Management (PIM) have joined hands together to enhance the management skills of managers/officers and contribute positively to help foster better management practices in public and private organizations.

BEEC offers, in collaboration with PIM, a range of options to meet the specific needs of organizations and executives:

- **Customized Programs** for organizations are designed to strengthen executive skills in specific ways. Working with you, we create a curriculum tailored for your organization’s unique mission, goals, and timelines, and the realities of your market and environment.

- **Open Enrollment Programs** enable individual professionals to build skills, expand networks and deepen business and leadership acumen. Topic areas range from leadership to successful negotiations, financial management to HR and strategic management.

Register at: [www.buitms.edu.pk](http://www.buitms.edu.pk)    Email: beec@buitms.edu.pk    UAN: (81) 111-717-111    Ext: 535
Directorate of Sports

All Pakistan Intervarsity Table Tennis championship 2012, Zone – I

An All Pakistan Intervarsity (Zone-I) Table Tennis Championship was held under the Auspices of Higher Education Commission at the University of Balochistan from March 20 -22, 2012. BUITEMS got 1st position in the tournament and U.O.B secured 2nd position.

The team from BUITEMS comprised:
- Syed Saqib Ali (Captain)
- Waqas Ali,
- Nisar Ahmed
- Mian Hamad
- Masood Kasi (Manager)
- Muhammad Sabir Kasi (coach)

Mir Ghaus Bukhsh Raisani Badminton Championship 2012

Mir Ghaus Bukhsh Raisani Badminton Championship was held at the Government Girls College Quetta from May 26-June 3, 2012. The team was coached by Mr. Sabir Kasi, whereas, Ms Farah Durrani was the manager. BUITEMS secured third position in the tournament.

BUITEMS 8th Inter-Departmental Cricket, Basketball & Chess Championship 2012

- **Cricket Match (Men)**
  Winner: BS (EE)
  Runner-up: BS (CE).
  Player of the Match: Mr. Adnan Rana

- **Cricket Match (Admin & Faculty)**
  Winner: Administration (City Campus)
  Runner-up: Faculty (City Campus)
• **Cricket Match (Women)**
  Winner: Takatu Campus
  Runner-up: City Campus
  Player of the Match: Ms. Fouzia Munir

• **Chess Final (Men)**
  Winner: BS (EE)
  Runner-up: MBA

• **Chess Final (Women)**
  Winner: City campus
  Runner-up: Takatu campus

• **Chess Final (Admin & Faculty)**
  Winner: Mr. Irfan Shah (Deputy Registrar Academics)
  Runner-up: Mr. Mushtaq Mengal (Librarian)

• **Basketball (Men)**
  Winner: BS (Arch)
  Runner-up: BS (Chem)

• **Basketball (Women)**
  Winner: City Campus
  Runner-up: Takatu Campus
BUITEMS 8th Interdepartmental Cricket, Badminton, Table tennis & Tug of war championship 2012, Men & Women from 15th to 25th of October, 10th Anniversary BUITEMS 2012.

Faculty & Administration

- **Badminton (Female)**
  Winner: Ms. Hafsa (CMS Focal Person)
  Runner-up: Ms. Basma (E-mail Administrator)

- **Table Tennis (Female)**
  Winner: Ms.Basma (E-mail Administrator)
  Runner-up: Ms.Erum. (Lecturer FICT)

- **Badminton (Male)**
  Winner: Adil Sidiqui (Lecturer FICT)
  Runner-up: Ajmal Khan (Lab Attendant)

- **Table Tennis (Male)**
  Winner: Mr Hammad
  Runner-up: Aa'il Sidiqui (Lecturer FICT)

Students

- **Badminton (Female)**
  Winner: Miss Fouzia
  Runner-up: Miss Syeda Iqra (Chem Eng)

- **Table Tennis (Female)**
  Winner: Miss Roshana
  Runner-up: Miss Sayeda Iqra

- **Badminton (Male)**
  Winner: BS (CE)
  Runner-up: BS (Chem Eng)
- **Table Tennis (Male)**
  Winner: BS (Civil Eng)
  Runner-up: BS (Chem Eng)

- **Tug of War (Male)**
  Winner: BS (TE)
  Runner-up: BS (BA)

**Cricket VC 11 Registrar 11**
VC-11 won the match

**Football Zone I**

All Pakistan Intervarsity Football Championship (Zone-I) was held last year. The first round was organized by the University of Balochistan (UoB) on behalf of the Higher Education Commission Pakistan. Total four teams participated in the qualifying round of the tournament. The participating Universities were UoB, LUAWMS, BUITEMS and BUET Khuzdar. The qualifying teams for the finals were UoB and BUITEMS from zone (I). The Final Round was held under the Auspices of Higher Education Commission at the University of Punjab Lahore, from November 13 to 21, 2012. BUITEMS secured 6th position in the tournament. BUITEMS football team was headed by team manager Masood Ahmed Kasi and Coach Shoaib Baloch. The team captain was Sahab-ud-Din (BS Economics).
Directorate of Human Resource Development (HRD)

BUITEMS has a comprehensive program for the development of its human resource. Directorate of HRD develops the key competencies that enable faculty and administration to perform better and plan learning activities.

The Directorate of HRD provided training in the following areas, in the year 2012:

- Teaching methodology
- Research methods
- Curriculum development
- Academic planning & management
- Assessment & evaluation
- Learners Psychology
- Communication skills
- Class management and time management
- Teaching as a profession
- Various short courses under continuing professional development.
- Academic Rules and Regulations
The following table shows the number of BUITEMS faculty members who are pursuing their MS/PhD at various local and foreign Universities:

<table>
<thead>
<tr>
<th>S. #</th>
<th>Scholarships funded Through</th>
<th>MS/ME/Master M. Phil</th>
<th>MS Leading PhD</th>
<th>PhD</th>
<th>Post doc</th>
<th>Others</th>
<th>Total</th>
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<tbody>
<tr>
<td>1</td>
<td>Faculty Development Project</td>
<td>8</td>
<td>20</td>
<td>13</td>
<td>--</td>
<td>--</td>
<td>41</td>
</tr>
<tr>
<td>2</td>
<td>Fulbright</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>--</td>
<td>--</td>
<td>10</td>
</tr>
<tr>
<td>3</td>
<td>HEC Scholarship</td>
<td>8</td>
<td>5</td>
<td>6</td>
<td>2</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td>4</td>
<td>Self-Finance</td>
<td>37</td>
<td>3</td>
<td>5</td>
<td>--</td>
<td>1</td>
<td>46</td>
</tr>
<tr>
<td>5</td>
<td>Others (China, Germany, S. Korea, Norwich, Australia etc)</td>
<td>4</td>
<td>--</td>
<td>4</td>
<td>3</td>
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<td>7</td>
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<td><strong>11</strong></td>
<td><strong>18</strong></td>
<td><strong>5</strong></td>
<td><strong>2</strong></td>
<td><strong>130</strong></td>
<td></td>
</tr>
</tbody>
</table>

The following table enlist BUITEMS faculty members who completed their MS/PhD in 2012:

<table>
<thead>
<tr>
<th>S #</th>
<th>Scholarships funded Through</th>
<th>MS/ME/ Master M. Phil</th>
<th>PhD</th>
<th>Total</th>
</tr>
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<td>1</td>
<td>Faculty Development Program</td>
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<td>02</td>
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<tr>
<td>2</td>
<td>Fulbright</td>
<td></td>
<td>01</td>
<td>02</td>
</tr>
<tr>
<td>3</td>
<td>HEC Scholarships</td>
<td></td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>4</td>
<td>Self-Finance</td>
<td></td>
<td>07</td>
<td>08</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>08</strong></td>
<td><strong>05</strong></td>
<td><strong>13</strong></td>
<td></td>
</tr>
</tbody>
</table>
PhD Faculty Profiles

Dr. Sadique Ahmed Bugti

Dr. Sadique Ahmed Bugti completed his PhD from Beijing University of Aeronautics and Astronautics (BUAA), China. After completing his PhD he joined back BUITEMS in 2012.

Research areas:

Computer Networks and Artificial Intelligence

Dr. Abdul Raziq

Dr. Abdul Raziq, earned his doctorate degree in Human Resource Management from Australia in 2012.

He joined BUITEMS in 2002, and is one of the pioneer faculty member in the Faculty of Management Sciences. He has won four international PhD Scholarships and also received ‘Best Teacher Awards’ from Higher Education Commission.

Research areas:

Human resource management, sustainability of Small and Mediums size organizations, and organizational change.

Dr. Abdul Salam Lodhi

Dr. Abdul Salam Lodhi did his PhD in Economics from Bonn Graduate School of Development Economics, University of Bonn, Germany in 2012.

He is the author of several national and international research articles and his PhD dissertation is published in Development Economics and Policy series edited by Franz Heidhues, Joachim von Braun and Manfred Zeller.

Research areas:

Labor Economics, Political Economy and human resource development.
**Dr. Faisal Ahmad Kakar**

Dr. Faisal Ahmad Kakar received his MS and Ph.D. degrees in Electrical and Computer Engineering from the Georgia Institute of Technology, USA in 2012, as a Fulbright Ph.D winner. Dr. Kakar is member of the Institute of Electrical and Electronics Engineers (IEEE) and member of the IEEE Standards Association.

He formed the Student Branch of the IEEE at FICT BUITEMS in 2008 and has served as Session Chair at the IEEE ICCCT conference at Hangzhou, China in October 2008.

**Research areas:**


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**Dr. Sarwat Afridi**

Dr. Sarwat Afridi obtained her Doctoral Degree from University of Aix-Marseille II, France in July 2012. She completed her MS in 2008 from BUITEMS in the field of Biotechnology and Informatics.

She is serving as assistant professor in the Faculty of Life Sciences. Dr. Sarwat is the first lady to complete PhD in the field of Biotechnology from Balochistan.

**Research areas:**

Genomics, Bioinformatics and Biochemistry.

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**Engr. Dr Jan Muhammad**

Engr. Dr. Jan Muhammad has recently completed his PhD from School of Computing Science, University of Glasgow, UK. Dr. Jan is the recipient of a merit scholarship for his Bachelors of Computer System Engineering at NED University from Government of Balochistan during (1992-1996). He received BUITEMS Faculty Development Program (FDP) scholarship in 2007 for his PhD studies at University of Glasgow, UK.

Dr. Jan Muhammad is currently working as an Assistant Professor at Department of Computer Engineering, Faculty of Information & Communication Technologies (FICT), BUITEMS.

**Research areas:**

Security issues of open distributed systems e.g. Grid and Cloud computing.
Dr. Gul A. Jokhio

Dr. Gul A. Jokhio completed his PhD from the Imperial College London in December, 2012. His PhD thesis titled “Mixed Dimensional Hierarchic Partitioned Analysis of Nonlinear Structural Systems”.

Dr Jokhio did his Master of Engineering (By Research) at NED University of Engineering and Technology, Karachi in 2002.

Research areas:

Nonlinear finite element analysis, parallelization of nonlinear analysis, domain decomposition methods, mixed-dimensional modeling, multi-scale modeling, and parallel eigenvalue analysis.

Dr. Shahjahan Shabbir Ahmed Rana

Dr. Shahjahan Shabbir Ahmed Rana earned his Ph.D. degree in Life Sciences from Northwest A&F University, Shaanxi, Yangling, P.R. China in June, 2012.

He has a Master’s degree in Horticulture and presently serving as assistant professor in the faculty of life sciences and Informatics.

Research areas:

Exploring the molecular and physiological aspects of Plant Gene Cloning and Expression. He was able to decipher the gene cloning and expression in many model and Solanaceous crops. His primary molecular interests are in gene cloning and developing transgenic
BUITEMS Medical Center
BUITEMS Medical Centre

Medical centre, BUITEMS was established in January, 2012 with the support and sponsorship of Ms. Rahila Durrani, Minister, Government of Balochistan. The medical Centre is fully functional since then. It has two units, the main unit is in Takatu Campus of BUITEMS and the sub-unit is in the City Campus. The centre is serving and facilitating around the 600 staff and above 6000 students in several emergency and OPD cases.

Facilities

- OPD Rooms
- Dressing/Emergency room
- Medical Store
- Minor OT
- ECG Room
- Waiting Room
- Female Ward
- Male Ward

Services:

- OPD Cases
- Emergency Facility
- Minor OT (stitches application, fracture management etc)
- ECG Facility (diagnosis purpose)
- Gynecological examination (cuscovaginal scope, sonicade)
- Nebulization with oxygenation
- X-ray illuminators
- Suction machine
- Autoclave for Sterilization
- Ambulance for Emergency referral
Future Plans:

- Blood grouping camp for all the staff and students of the university, so that proper record of the same is maintained.
- To develop BUITEMS blood bank for any emergency situation.
- Establishment of a medical laboratory for all the routine tests of the patients.
- Establishment of X-Ray plant for patients.
- A hospital on BUITEMS panel for referral patients(so that serious patients may be referred there)
- Conducting a First Aid Seminars for students, so that they may be prepared for any emergency situations.
- Screening the staff and students for viral diseases such as Hepatitis B, C and other viral diseases.
- Conducting awareness seminars on psychiatry health to manage stress and Psychiatric problems.
Exhibitions
3rd Annual Architecture Exhibition

The Department of Architecture, BUITEMS organized its Third Annual Exhibition in Arfa Karim Randhawa Expo Centre, Takatu Campus on 5th & 6th June 2012. Provincial Minister Engr. Zamrak Khan inaugurated the exhibition.

10th Anniversary Art Exhibition

The Department of Fine Arts organized art exhibition showcasing the work of BUITEMS talented students celebrating the occasion of the 10th anniversary of the University. The art work was appreciated by the teachers and students alike.
Space Exhibition held in BUITEMS

A space exhibition was held at BUITEMS in collaboration with SUPARCO on October 9, 2012. The models displayed in the exhibition, were the main attraction of the World Space Week.

Vice Chancellor BUITEMS Ahmed Farooq Bazai, Member SUPRICO Mr. Imran Iqbal, students and faculty members of the University visited the exhibition and inspected the models displayed there.
BUITEMS Convocation
BUITEMS 8th CONVOCATION

Convocation in BUITEMS brings spring in the winter. An occasion to harvest what we sow, an occasion to swell with pride while knowing it couldn't be done without the effort of the whole family and an occasion to see our graduates smile with pride and satisfaction. The satisfaction is also reflected from the faces of faculty and administration who leave no stone unturned to make the occasion happen.

This year the convocation was held on December 26, 2012 and the event took place at a time when the University had just completed 10 years of its journey. The bright sunny day symbolized the hopes of a bright future for the graduates. The clarity of the sky was paralleled by the clarity of goals and perspectives which the young minds had in their vision. The impact of an underlined buzz of energy and excitement joint with order made the progression look like a floral array streaming across the channels.

The Chancellor BUITEMS, Honorable Governor Balchistan, Nawab Zulfiqar Ali was the Chief Guest of the convocation. The Vice Chancellor, Ahmed Farooq Bazai in his welcome address recapitulated the 10 years journey of BUITEMS, narrating the salient developments and highlighted the steps taken to keep up the standards of the University through exerted efforts. He congratulated the graduating students and wished them a bright future particularly in terms of their professional life.

Talking about the impact of BUITEMS on national development, he highlighted the importance of research and development and implementation of standard operating procedures for which he paid rich tributes to his team. He also congratulated Mr. Faseih Iqbal on the award of Honorary Degree of Doctor of Philosophy for his public services in the field of Mass Communication.
After the welcome address, degrees were awarded to graduating students in various fields. Badges of Honor were awarded to seven students while sixteen students were awarded gold medals.

An Honorary Degree of Doctor of Philosophy was conferred upon Senator (R) Syed Faseih Iqbal, who has remained an active member of top management of various national institutions and has contributed for promotion of academics and research in the country in addition to being elected as Senator for two consecutive terms.

The Governor Balochistan Nawab Zulfiqar Ali Magsi in his Presidential address commended the accomplishments of the Vice Chancellor and the learned faculty of BUITEMS for creating a difference by adding value through grooming students into useful and competent assets for the nation. He also expressed his resolve to continue extending all possible support to BUITEMS in maintaining International standards. Governor Balochistan, Nawab Zulfiqar Ali Magsi, announced cash awards of fifty thousand rupees for each winner of Badge of Honour and one hundred thousand rupees for each Gold Medalist.
The Honorable Chief Guest passed on kindly to the Vice Chancellor the following awards:

- **The International SOCRATES Award**
- **World Education Congress ASIA Award** For ‘Outstanding Contribution to Education’
- **Visionary Leader Award** by Asian Confederation of Business with CMO Asia

Mr. Kaleem Khan, a renowned artist and a senior faculty member of BUITEMS, prepared a portrait of Nawab Zulfiqar Ali Magsi and presented it to the Honorable Chief Guest.
Gold Medalists

Jamila Hassan  MBA
Muhammad Azan  MBA
Salman Shabir  MBA
Shah Faisal Agha  MBA

Khayal Muhammad  MBA
Joham Sarfaraz Ali  BS (Biotechnology & Informatics)
Sehreen Ashraf  BS (Biotechnology & Informatics)
Zia ur Rehman  BS (Business Administration)

Ajmal Khan Achakzai  BS (Economics)
Maliha  BS (Economics)
Safi Ulla Khan  BS (Petroleum & Gas Engineering)
Syed M.Farooq Qaiser Shah  BS (Civil Engineering)

Javeria Farooq  BS (Electronics Engineering)
Afaq Ur Rehman  BS (Chemical Engineering)
Muhammad Rizwan  BS (Textile Engineering)
Ayesha Abdul Majeed  BS (Information Technology)
Recipients of the Badges of Honor

Momina Babar  
BS (Information Technology)

Bashir Ahmed  
BS (Mining Engineering)

Waseem Saeed  
BS (Computer Engineering)

Adil Waseem  
BS (Telecommunication Engineering)

Barkatullah Khan  
BS (Geological Engineering)

Abdul Samee  
BS (Computer Science)

Ramen Muneer Baloch  
BS (IR)
FESTIVITIES
Pakistan Day Mela

Pakistan Day Mela was organized to celebrate the Pakistan Day with zeal and enthusiasm at Askari Park, Quetta from March 23 to 25, 2012.

BUITEMS installed two stalls where projects from different departments were displayed. BUITEMS stall was awarded 2nd prize in the stalls competition. Governor Balochistan, Nawab Zufiqar Ali Magsi was the Chief Guest of prize distribution ceremony.
**BUITEMS 10th Anniversary Celebrations**

BUITEMS celebrated its 10th Anniversary on October 5, 2012. On this occasion, BUITEMS students, faculty members & administration gathered in the Arfa Karim Randhawa Expo Center, Takatu Campus. The celebrations were organized under the official mascot of BUITEMS ‘the Markhor’ on banners of celebration. To celebrate the occasion, all five faculties and the administrative staff brought cakes, The Vice Chancellor BUITEMS addressed the audience and congratulated everyone who contributed to the success of the University. The efforts and consistency of the older members of the BUITEMS family were commended along with a warm welcome for the newer members of the family. The BUITEMS Dramatic club recapitulated some of the refreshing episodes from the past, incorporating them into a short drama performance. The festivities reached a climax when the Vice Chancellor and the top echelons of the university cut the cakes and all had delicious, hefty bites.

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**Annual Prize Distribution Ceremony**

The Annual Prize Distribution Ceremony was held on December 25, 2012 to honor all those who proved their mettle in co-curricular competitions and contests at provincial and national levels. The Vice Chancellor BUITEMS was the Chief Guest of the ceremony. The recipients of prizes in various events were:

- **Best Debater English**
  Ms. Anum Tariq BS (Business Administration)

- **Best Debater Urdu**
  Mr. Muhammad Bilal Iqbal BS(Petroleum & Gas Engineering)
• Best Qari
  Hafiz Muhammad Ayub
  BS (Geological Engineering)
• Best Naat Khwan
  Qasim Ali BS (Computer Engineering)
• Best Essay Writer English
  Mr. Junaid Ahmad Khan
• Best Essay Writer Urdu
  Ms. Anum Tariq
  BS (Business Administration)

EXCELLENCE AWARDS
Administration
(Grade I-IV Employees)
• Mr. Shah Nawaz
  Security Guard
• Mr. Abdul Samad
  Security Guard
• Mr. Abdul Rehman
  Lab Attendant
• Mr. Zahoor Ahmed
  Sanitary Worker
• Mr. Sher Mohammad
  Sanitary Worker
• Mr. Mohammad Younus
  Bus Conductor
• Mr. Shadi Khan  
  Tractor Driver  
• Mr. Nadeem Akhter  
  Naib Qasid  
• Mr. Mama Badu  
  Helper  
• Mr. Mohammad Ramzan  
  Mali

Faculty Members
• Mr. Asif Hussain  
  Lecturer, Faculty of Engineering  
• Ms. Rahila Umer  
  Assistant Professor, Faculty of ICT  
• Mr. Mohammad Atif Younus  
  Lecturer, Faculty of Life Sciences & Informatics  
• Ms. Ammarah Ahmed  
  Lecturer, Faculty of Management Sciences  
• Ms. Ayesha Manzoor  
  Lecturer, Faculty of Arts and Basic Sciences

Departments of the Year:
Two departments, namely Department of Biotechnology & Informatics & Department of Management Sciences were declared best Departments for the year 2012.
Infrastructure Development
Laboratories

Laboratories completed during the year 2012:
- Engineering geology lab
- Hydrology Lab
- Environmental Geology lab
- Geological Exploration tools
- Semi conductor characteristics and testing lab
- Printed circuit board lab
- Microprocessor lab
- Control and Instrumentation lab
- Robotics and Automatic lab
- Physics lab,
- Central engineering lab,
- Telecommunication lab
- Mechanics and optics lab
- Electricity and magnetism lab
- Atomic and nuclear physics lab
- Basic and digital electronics lab
PC-I Approved for Chemical Engineering Labs
The Mega PC-I (Phase-I) for the following labs of the department of Chemical Engineering. The establishment process is in the progress.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Lab Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Instrumentation &amp; control lab</td>
</tr>
<tr>
<td>02</td>
<td>Reaction engineering lab</td>
</tr>
<tr>
<td>03</td>
<td>Process lab</td>
</tr>
<tr>
<td>04</td>
<td>Particle sizing lab</td>
</tr>
<tr>
<td>05</td>
<td>Fuel &amp; combustion lab</td>
</tr>
</tbody>
</table>

Equipment purchased for Textile Laboratories during 2012.
Some scientific equipment have been purchased during 2012 for the following laboratories:

- Garments Manufacturing Laboratory
- Fabric Manufacturing Laboratory

The equipment includes:

- Hand looms (10)
- Mannual Warpers (5)
- Janome Stiching Machine 5002 (5)
- Janome Stiching Machine 840/ S7700 (2)
- Juki Stiching Machine AT-1000, HZL-7000, HZL-7700 (3)
- Brother Homelock B530
- Juki Industrial stitching machine DDL-5550
- Brother Industrial stitching machine B831-3

Plant Tissue Culture Laboratory
The facility for obtaining tissue cultures of banana, pineapple and glade is established. Plant tissue culture techniques are essential to many types of academic inquiry, as well as to many applied aspects of plant science. Plant tissue culture techniques are also central to innovative areas of applied plant science, including plant biotechnology and agriculture.
Other Developments:

The following projects have been completed during the year 2012.

- The BUIEMS Monument
- Masjid
- Internal Road
- Meeting Room at Iqbal Block
Tragic Accident of Mr Ghulam Ali Mashori

Mr Ghulam Ali Mashori, Assistant Professor, Faculty of Management Sciences lost his life in a tragic accident on June 9, 2012. He was accompanied by his son and Mr. Brohi in an auto rickshaw on their way back from Mastung when they were hit by a truck. Mr Mashori lost his life on the spot but fortunately Mr Brohi survived the impact and is on the way to recovery. On this tragic occasion, the BUITEMS family joined hands and extended every possible help to the injured and their families.

BUITEMS Bus Targeted

On June 18, 2012 in the morning while our BUITEMS buses were on the way to University picking students from their homes not knowing that the next moment will bring a disaster when some regressive forces targeted one of our University buses. As a result Mr. Muhammad Hussain, Assistant Professor lost his life in the gruesome attack. Three students namely Aqeel Raza, Rashid Ali and Abdul Hadi also lost their lives. Around seventy others were injured including some pedestrians. The death of students and faculty member is a big loss for BUITEMS.

The targeting of BUITEMS bus appears to be a reaction to our recent achievements at the national and international levels. However, a positive aspect observed after the bomb blast was the selfless service provided under the circumstances by the students and faculty members voluntarily. They helped the injured in every way they could, including the donation of blood. Everyone could see the unity of BUITEMS family. In the wake of the wounds, the incident gave us greater strength and resolve to face the challenges with confidence and determination.
BUITEMS
FINANCIAL OVERVIEW
2012
Financial Highlights

In order to ensure that the University continues to grow and remain competitive, a plan was initiated to boost up revenue generation. The statutory bodies appreciated the proposal for sorting the ways and means to replenish financial resources to cater the financial needs. As the University is expanding, its appropriated strategic investment is increasing. Therefore, University’s cash investment/ non-current investments have been increasing. The University has utilized these funds to enable it to initiate new academic programs, technological development, maintenance of infrastructure and increasing building capacity. BUITEMS is in its development phase and at this stage the proper funding both Development and Recurring are crucial for its growth, development and imparting quality education.

Annual Budget for the financial year 2011-12 was approved to the tune of Rs.531.605million, which was revised to Rs.421.893 million due to cut in funding from HEC. The earning/receipt of the University in the year 2010-11 was Rs.87.00 million which increased to Rs.118.00 million during 2011-12. The major contribution in increased revenue is attributed to enrolment of new students in newly established departments/programs.

<table>
<thead>
<tr>
<th>Object Classification</th>
<th>Budget 2011-12</th>
<th>Revised Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PAY &amp; ALLOWANCES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAYS</td>
<td>119,850,000</td>
<td>102,200,000</td>
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<tr>
<td>ALLOWANCES</td>
<td>270,665,000</td>
<td>163,900,000</td>
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<tr>
<td>TOTAL PAY &amp; ALLOWANCES</td>
<td>390,515,000</td>
<td>266,100,000</td>
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<tr>
<td><strong>OPERATIONAL EXPENDITURE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchase of Durable Goods</td>
<td>24,300,000</td>
<td>27,551,000</td>
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<tr>
<td>Purchase of Consumable Goods</td>
<td>17,900,000</td>
<td>17,150,000</td>
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<tr>
<td>Communication Expenditure</td>
<td>2,500,000</td>
<td>2,850,000</td>
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<tr>
<td>Civil Works-Buildings &amp; Structures</td>
<td>5,000,000</td>
<td>4,300,000</td>
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<tr>
<td>Repair &amp; Maintenance</td>
<td>20,900,000</td>
<td>23,500,000</td>
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<tr>
<td>Utility Bills</td>
<td>28,570,000</td>
<td>35,510,000</td>
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<tr>
<td>Rent, Rates, Taxes &amp; Fee</td>
<td>3,270,000</td>
<td>5,215,000</td>
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<tr>
<td>Training &amp; Research</td>
<td>7,900,000</td>
<td>5,084,000</td>
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<tr>
<td>Expenditure on Commodities &amp; Services</td>
<td>30,750,000</td>
<td>34,633,000</td>
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<tr>
<td><strong>TOTAL OPERATIONAL EXPENSES</strong></td>
<td>141,090,000</td>
<td>155,793,000</td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td>531,605,000</td>
<td>421,893,000</td>
</tr>
</tbody>
</table>
SYNOPSIS OF THE FINANCIAL REVIEW OF PAST 3 YEARS

Financial Review for the year 2009-2010

Financial Review for the year 2010-2011

Financial Review for the year 2011-2012

Audit of BUIITEMS Accounts For 2011-12.

The BUIITEMS Accounts for the financial year 2011-12, were audited by the Auditor General of Pakistan office. The Departmental Accounts Committee meeting was convened to discuss the Audit Report, the report was discussed accordingly. The audit authorities appreciated BUIITEMS efforts in the maintenance of financial discipline.
Editorial Board

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